

Converting Colors

Hex(6B1A03)

Have a look what the booklet for
Hex(6B1A03) contains.

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Color

Hex(6B1A03)

Conversions

Conversions Part 1

Format	Color
Hex	6B1A03
RGB	107, 26, 3
RGB Percent	42%, 10%, 1%
CMY	0.5804, 0.8980, 0.9882
CMYK	0.00, 0.76, 0.97, 0.58
HSL	13°, 95%, 22%
HSV	13°, 97%, 42%
XYZ	6.4492, 3.8712, 0.4934
YIQ	47.5970, 55.6590, 10.0190

Conversions

Conversions Part 2

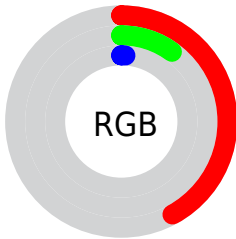
Format	Color
R_{YB}	107, 33, 3
Decimal	7019011
CIE Lab	23.24, 34.79, 33.01
CIE LCh	23, 47.963, 43.495
Yxy	3.8712, 0.5964, 0.3580
Android (android.graphics.Color)	4285209091 (0xFF6B1A03)
YUV	47.5970, -21.9863, 52.0964
Hunter-Lab	19.6753, 24.0777, 12.2857

Details

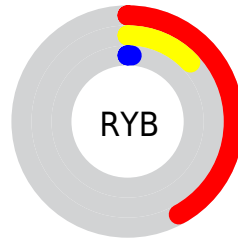
The Hex color **6B1A03** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03546B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **A54C31**, and **340000** is the 20% darker color. If you saturate the color by 10%, you get **6B1800**, and if you desaturate by 10%, it is **6B220E**.

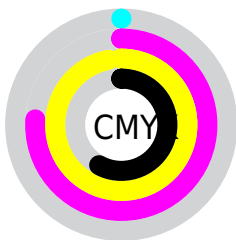
Distribution



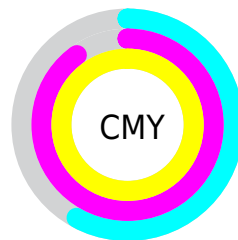
- Red (42%)
- Green (10%)
- Blue (1%)



- Red (42%)
- Yellow (13%)
- Blue (1%)



- Cyan (0%)
- Magenta (76%)
- Yellow (97%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1A03 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6B1A03 by changing the saturation by 10% instead.

 6B1A03

 6B1A03

 FFFFE6

 4F0000

 A54C31

 340000

 C26548

 0E0000

 E07F60

 000000

 FF9979

 FF8593

 FFD1AE

 FFEDCA

 6B1A03

 6B1A03

■ 6B1800

■ 6B220E

■ 6B2B18

■ 6B3323

■ 6B3B2E

■ 6B4439

■ 6B4C43

■ 6B544E

■ 6B5D59

■ 6B6563

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



740029



6B1A03



552E00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6B1A03



004521



00377E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6B1A03



03546B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00417D



6B1A03



004647

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6B1A03



034200



004669



4B246C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6B1A03



413700



004669



003B80

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6B1A03



8C6D64



6B0354



47342E



C7C7C7



474747

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6B1A03



8C1F00



6B4E03



363130



751A00



F53600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



03546B



006D8C



03206B



303436



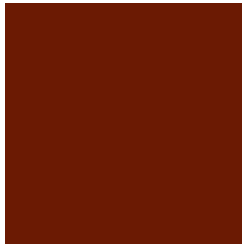
005B75



00BFF5

Previews

White Background



This preview shows how the Hex color 6B1A03 looks on a white background.

Color Contrast Check

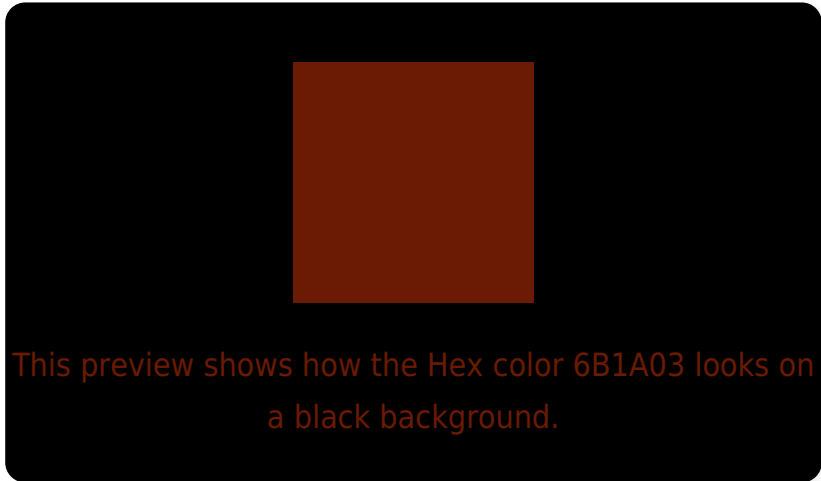
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

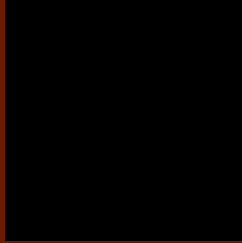
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6B1A03 Background



This preview shows how black text looks on a background with the Hex color 6B1A03.



This preview shows how white text looks on a background with the Hex color 6B1A03.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6B1A03

Protanopia
40390D

Deuteranopia
483600



Tritanopia
6B1819

Trichromacy



Original Color
6B1A03

Protanomaly
502E09

Deuteranomaly
552C01

Tritanomaly
6B1911

Monochromacy



Original Color
6B1A03

Achromatopsia
303030

Achromatomaly
452820

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1A03 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6B1A03 looks like.

```
.text, #text, p{  
    color:#6B1A03  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6B1A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1A03
}
```

Border

The CSS property to change the border of an element to Hex 6B1A03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

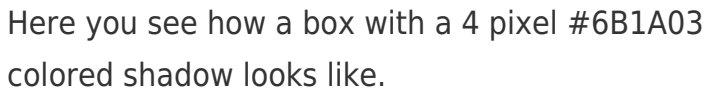
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1A03 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6B1A03 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #6B1A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1A03; -webkit-box-shadow:4px 4px  
4px 4px #6B1A03; box-shadow:4px 4px 4px  
4px #6B1A03 }
```

Background

The CSS property to change the background color of an element to Hex 6B1A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1A03 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6B1A03 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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